Neuroscience Letters, 91 (1988) 360–363
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Akiyama, H., see Itagaki, S., 259
Alger, B.E., see Pitler, T.A., 177
Amara, S.G., see Gibson, S.J., 283
Aniksztejn, L., see Charriaut-Marlangue, C., 308
Atack, J.R., see Perry, E.K., 211

Beck, T., see Sauer, D., 327
Ben-Ari, Y., see Charriaut-Marlangue, C., 308
Berney, D., see Frey, P., 194
Bettaney, J., see Dray, A., 301
Bhave, S.V. and Wakade, A.R., Cholinergic properties of embryonic chick sensory neurons, 333
Bielenberg, G.W., see Sauer, D., 327
Biesalski, H.K., Welker, H.A., Thalmann, R. and Vollrath, L., Melatonin and other serotonin derivatives in the guinea pig membranous cochlea, 41
Bloom, S.R., see Gibson, S.J., 283
Bonham, J.R., see Perry, E.K., 211
Brion, J.-P., see Duyckaerts, C., 354
Britto, L.R.G., see Natal, C.L., 154
Broderick, J.T., see Nieto-Sampedro, M., 276
Brodin, E., see Fried, G., 315
Burgoyne, R.D., Pearce, I.A. and Cambray-Deakin, M., *N*-Methyl-D-aspartate raises cytosolic calcium concentration in rat cerebellar granule cells in culture, 47
Busto, R., see Globus, M.Y.-T., 36

Cambray-Deakin, M., see Burgoyne, R.D., 47
Charriaut-Marlangue, C., Aniksztejn, L., Roisin, M.P. and Ben-Ari, Y., Release of proteins during long-term potentation in the hippocampus of the anaesthetized rat, 308
Chicheportiche, R., see Rondouin, G., 199
Chirwa, S.S., see Sastry, B.R., 101
Ciriello, J., see Elisevich, K., 1
Claeys, A., see De Keyser, J., 142
Cohen, S., Kadekaro, M., Terrell, M.L., Gary Jr., H. and Eisenberg, M., Effect of apamin on local rates of glucose utilization in the brain and the spinal cord in rats, 253
Court, J.A., see Perry, E.K., 211
Craig, R.K., see Gibson, S.J., 283

Davis, R.E., Kyle, A. and Klinger, P.D., Nervus terminalis innervation of the goldfish retina and behavioral visual sensitivity, 126
Dawson, A., see Gibson, S.J., 283
De Backer, J.-P., see De Keyser, J., 142
De Keyser, J., Claeys, A., De Backer, J.-P., Ebinger, G., Roels, F. and Vauquelin, G., Autoradiographic localization of D_1 and D_2 dopamine receptors in the human brain, 142
Debru, C., see Louis-Coindet, J., 165
Delaère, P., see Duyckaerts, C., 354
Denny, P., see Gibson, S.J., 283
Dietrich, W.D., see Globus, M.Y.-T., 36
Drain, M.-J., see Rondouin, G., 199
Dray, A., Bettaney, J., Forster, P. and Perkins, M.N., Bradykinin-induced stimulation of afferent fibres is mediated through protein kinase C, 301
Duron, B., see Macron, J.M., 24
Duyckaerts, C., Delaère, P., Poulain, V., Brion, J.-P. and Hauw, J.-J., Does amyloid precede paired helical filaments in the senile plaque? A study of 15 cases with graded intellectual status in aging and Alzheimer disease, 354

Ebbesson, S.O.E., see Ekström, P., 121
Ebihara, S., see Nakagaki, K., 160
Ebinger, G., see De Keyser, J., 142
Eisenberg, H.M., see Moore, B.D., 247
Eisenberg, M., see Cohen, S., 253
Ekström, P. and Ebbesson, S.O.E., The left habenular nucleus contains a discrete serotonin-immunoreactive subnucleus in the coho salmon (*Oncorhynchus kisutch*), 121
Elisevich, K. and Ciriello, J., Vestibular nucleus inputs to paramedian reticulospinal neurons in the cat, 1

Finger, W., Martin, C. and Pareto, A., Prolonged time course of glutamate-operated single channel currents in neuromuscular preparations of small crayfish and a membrane current triggered by glutamate channel gating, 183
Forster, P., see Dray, A., 301
Franck, J., see Fried, G., 315
Frey, P., Berney, D., Herrling, P.L., Mueller, W. and Urwyler, S., 6,7-Dichloro-3-hydroxy-2-quinoxalinecarboxylic acid is a relatively potent antagonist at NMDA and kainate receptors, 194

Neuroscience Letters, 91 (1988) 360–363
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Akiyama, H., see Itagaki, S., 259
Alger, B.E., see Pitler, T.A., 177
Amara, S.G., see Gibson, S.J., 283
Aniksztejn, L., see Charriaut-Marlangue, C., 308
Atack, J.R., see Perry, E.K., 211

Beck, T., see Sauer, D., 327
Ben-Ari, Y., see Charriaut-Marlangue, C., 308
Berney, D., see Frey, P., 194
Bettaney, J., see Dray, A., 301
Bhave, S.V. and Wakade, A.R., Cholinergic properties of embryonic chick sensory neurons, 333
Bielenberg, G.W., see Sauer, D., 327
Biesalski, H.K., Welker, H.A., Thalmann, R. and Vollrath, L., Melatonin and other serotonin derivatives in the guinea pig membranous cochlea, 41
Bloom, S.R., see Gibson, S.J., 283
Bonham, J.R., see Perry, E.K., 211
Brion, J.-P., see Duyckaerts, C., 354
Britto, L.R.G., see Natal, C.L., 154
Broderick, J.T., see Nieto-Sampedro, M., 276
Brodin, E., see Fried, G., 315
Burgoyne, R.D., Pearce, I.A. and Cambray-Deakin, M., *N*-Methyl-D-aspartate raises cytosolic calcium concentration in rat cerebellar granule cells in culture, 47
Busto, R., see Globus, M.Y.-T., 36

Cambray-Deakin, M., see Burgoyne, R.D., 47
Charriaut-Marlangue, C., Aniksztejn, L., Roisin, M.P. and Ben-Ari, Y., Release of proteins during long-term potentation in the hippocampus of the anaesthetized rat, 308
Chicheportiche, R., see Rondouin, G., 199
Chirwa, S.S., see Sastry, B.R., 101
Ciriello, J., see Elisevich, K., 1
Claeys, A., see De Keyser, J., 142
Cohen, S., Kadekaro, M., Terrell, M.L., Gary Jr., H. and Eisenberg, M., Effect of apamin on local rates of glucose utilization in the brain and the spinal cord in rats, 253
Court, J.A., see Perry, E.K., 211
Craig, R.K., see Gibson, S.J., 283

Davis, R.E., Kyle, A. and Klinger, P.D., Nervus terminalis innervation of the goldfish retina and behavioral visual sensitivity, 126
Dawson, A., see Gibson, S.J., 283
De Backer, J.-P., see De Keyser, J., 142
De Keyser, J., Claeys, A., De Backer, J.-P., Ebinger, G., Roels, F. and Vauquelin, G., Autoradiographic localization of D_1 and D_2 dopamine receptors in the human brain, 142
Debru, C., see Louis-Coindet, J., 165
Delaère, P., see Duyckaerts, C., 354
Denny, P., see Gibson, S.J., 283
Dietrich, W.D., see Globus, M.Y.-T., 36
Drain, M.-J., see Rondouin, G., 199
Dray, A., Bettaney, J., Forster, P. and Perkins, M.N., Bradykinin-induced stimulation of afferent fibres is mediated through protein kinase C, 301
Duron, B., see Macron, J.M., 24
Duyckaerts, C., Delaère, P., Poulain, V., Brion, J.-P. and Hauw, J.-J., Does amyloid precede paired helical filaments in the senile plaque? A study of 15 cases with graded intellectual status in aging and Alzheimer disease, 354

Ebbesson, S.O.E., see Ekström, P., 121
Ebihara, S., see Nakagaki, K., 160
Ebinger, G., see De Keyser, J., 142
Eisenberg, H.M., see Moore, B.D., 247
Eisenberg, M., see Cohen, S., 253
Ekström, P. and Ebbesson, S.O.E., The left habenular nucleus contains a discrete serotonin-immunoreactive subnucleus in the coho salmon (*Oncorhynchus kisutch*), 121
Elisevich, K. and Ciriello, J., Vestibular nucleus inputs to paramedian reticulospinal neurons in the cat, 1

Finger, W., Martin, C. and Pareto, A., Prolonged time course of glutamate-operated single channel currents in neuromuscular preparations of small crayfish and a membrane current triggered by glutamate channel gating, 183
Forster, P., see Dray, A., 301
Franck, J., see Fried, G., 315
Frey, P., Berney, D., Herrling, P.L., Mueller, W. and Urwyler, S., 6,7-Dichloro-3-hydroxy-2-quinoxalinecarboxylic acid is a relatively potent antagonist at NMDA and kainate receptors, 194

Fried, G., Franck, J. and Brodin, E., Differential distribution of 5-hydroxytryptamine and substance P in synaptosomal vesicles of rat spinal cord, 315
Frotscher, M., see Schlander, M., 241
Fujiwara, K., see Ishimura, K., 265
Fukuda, H., see Hirayama, T., 343
Funke, K., Spinal projections to the dorsal column nuclei in pigeons, 295

Galloway, P.G., Antigenic characteristics of neurofibrillary tangles in progressive supranuclear palsy, 148
Garcia-Segura, L.M., Perez, J., Tranque, P.A., Olmos, G. and Naftolin, F., Sexual differentiation of the neuronal plasma membrane: neonatal levels of sex steroids modulate the number of exo-endocytotic images in the developing rat arcuate neurons, 19
Gary Jr., H., see Cohen, S., 253
Gary Jr., H.E., see Moore, B.D., 247
Gasser, T., Reddington, M. and Schubert, P., Effect of carbamazepine on stimulus-evoked Ca^{2+} fluxes in rat hippocampal slices and its interaction with A_1-adenosine receptors, 189
Gaumann, D.M., Yaksh, T.L., Tyce, G.M. and Stoddard, S., Sympathetic stimulating effects of sufentanil in the rat are mediated centrally, 30
Getchell, T.V., Induction of odorant-evoked current transients in *Xenopus* oocytes injected with mRNA isolated from the olfactory mucosa of *Rana pipiens*, 217
Giaid, A., see Gibson, S.J., 283
Gibson, S.J., Polak, J.M., Giaid, A., Hamid, Q.A., Kar, S., Jones, P.M., Denny, P., Legon, S., Amara, S.G., Craig, R.K., Bloom, S.R., Penketh, R.J.A., Rodek, C., Ibrahim, N.B.N. and Dawson, A., Calcitonin gene-related peptide messenger RNA is expressed in sensory neurones of the dorsal root ganglia and also in spinal motoneurones in man and rat, 283
Ginsberg, M.D., see Globus, M.Y.-T., 36
Glenn, L.L., Overestimation of the electrical length of neuron dendrites and synaptic electronic attenuation, 112
Globus, M.Y.-T., Busto, R., Dietrich, W.D., Martinez, E., Valdes, I. and Ginsberg, M.D., Intraischemic extracellular release of dopamine and glutamate is associated with striatal vulnerability to ischemia, 36
Goto, K., see Miyauchi, T., 222
Gómez-Pinilla, F., see Nieto-Sampedro, M., 276

Hamid, Q.A., see Gibson, S.J., 283
Hauw, J.-J., see Duyckaerts, C., 354
Hawdon, G., Rees, S. and Rawson, J.A., Ultrastructure of synapses in the cerebellar cortex after long-term activation of climbing fibres, 7
Henke, P.G., Sullivan, R.M. and Ray, A., Interactions of thyrotropin-releasing hormone (TRH) with neurotensin and dopamine in the central nucleus of the amygdala during stress ulcer formation in rats, 95
Herranz, A.S., see Solís, J.M., 53
Herrreras, O., see Solís, J.M., 53
Herrling, P.L., see Frey, P., 194
Himeno, A., see Niwa, M., 89
Hirayama, T., Ono, H. and Fukuda, H., Unit activity of ventral horn cells in spinal cord slices isolated from adult rats, 343
Honda, Y., see Nakagaki, K., 160
Hoyer, S., see Schlander, M., 241

Ibaragi, M.-a., see Niwa, M., 89
Ibata, Y., see Ibuki, T., 131
Ibrahim, N.B.N., see Gibson, S.J., 283
Ibuki, T., Okamura, H., Miyazaki, M., Kimura, H., Yanaihara, N. and Ibata, Y., Colocalizatin of GABA and [Met]enkephalin-Arg^6-Gly^7-Leu^8 in the rat cerebellum, 131
Imura, H., see Shirakami, G., 77
Ishikawa, T., see Miyauchi, T., 222
Ishimura, K., Takeuchi, Y., Fujiwara, K., Tominaga, M., Yoshioka, H. and Sawada, T., Quantitative analysis of the distribution of serotonin-immunoreactive cell bodies in the mouse brain, 265
Itagaki, S., McGeer, P.L. and Akiyama, H., Presence of T-cytotoxic suppressor and leucocyte common antigen positive cells in Alzheimer's disease brain tissue, 259
Itoh, H., see Shirakami, G., 77

Jones, P.M., see Gibson, S.J., 283

Kadekaro, M., see Cohen, S., 253
Kadekaro, M., see Moore, B.D., 247
Kamenka, J.-M., see Rondouin, G., 199
Kamiya, H., Sawada, S. and Yamamoto, C., Synthetic ω-conotoxin blocks synaptic transmission in the hippocampus in vitro, 84
Kangawa, K., see Shirakami, G., 77
Kar, S., see Gibson, S.J., 283
Kasai, M. and Yamashita, H., Cortisol suppresses noradrenaline-induced excitatory responses of neurons in the paraventricular nucleus; an in vitro study, 65
Kasai, M. and Yamashita, H., Inhibition by cortisol of neurons in the paraventricular nucleus of the hypothalamus in adrenalectomized rats; an

in vitro study, 59
Kimura, H., see Ibuki, T., 131
Klinger, P.D., see Davis, R.E., 126
Knauer, D.J., see Nieto-Sampedro, M., 276
Krieglstein, J., see Sauer, D., 327
Kurihara, M., see Niwa, M., 89
Kurumaji, A., see Nehls, D.G., 204
Kyle, A., see Davis, R.E., 126

Labourdette, G., see Rogister, B., 321
Lalies, M., Middlemiss, D.N. and Ransom, R., Stereoselective antagonism of NMDA-stimulated noradrenaline release from rat hippocampal slices by MK-801, 339
Legon, S., see Gibson, S.J., 283
Leprince, P., see Rogister, B., 321
Lerma, J., see Solís, J.M., 53
Louis-Coindet, J. and Debru, C., Increase of paradoxical sleep episodes after electrical stimulation of the lateral and third ventricles in the rat, 165

Macron, J.M., Marlot, D., Wallois, F. and Duron, B., Phrenic-to-phrenic inhibition and excitation in spinal cats, 24
Madamba, S.G., see Moore, S.D., 71
Maretić, H., see Sastry, B.R., 101
Marlot, D., see Macron, J.M., 24
Martin, C., see Finger, W., 183
Martinez, E., see Globus, M.Y.-T., 36
Martín del Río, R., see Solís, J.M., 53
Matsuo, H., see Shirakami, G., 77
May, P.B.Y., see Sastry, B.R., 101
McCarren, M., see Pitler, T.A., 177
McCulloch, J., see Nehls, D.G., 204
McGeer, P.L., see Itagaki, S., 259
Mennel, H.-D., see Sauer, D., 327
Middlemiss, D.N., see Lalies, M., 339
Minamino, N., see Shirakami, G., 77
Miyauchi, T., Ishikawa, T., Sugishita, Y., Saito, A. and Goto, K., Effects of piperine on calcitonin gene-related peptide (CGRP)-containing nerves in the isolated rat atria, 222
Miyazaki, M., see Ibuki, T., 131
Mizuno, Y., Suzuki, K., Sone, N. and Saitoh, T., Inhibition of mitochondrial respiration by 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) in mouse brain in vivo, 349
Moonen, G., see Rogister, B., 321
Moore, B.D., Kadekaro, M., Gary, H.E., Jr. and Eisenberg, H.M., Electrophysiological evidence of the neurotoxic effects of apamin on auditory function in the rat, 247
Moore, S.D., Madamba, S.G., Zieglgänsberger, W. and Siggins, G.R., Enkephalin analogues depress synaptic potentials in rat dentate granule cells recorded intracellularly in vitro, 71
Mori, K., see Niwa, M., 89
Mori, K., see Shirakami, G., 77
Mueller, W., see Frey, P., 194
Mussa-Ivaldi, F.A., Do neurons in the motor cortex encode movement direction? An alternative hypothesis, 106

Naftolin, F., see Garcia-Segura, L.M., 19
Nakagaki, K., Ebihara, S., Usui, S., Honda, Y. and Takahashi, Y., Sleep-promoting effect following intracerebroventricular injection of a phosphorylated analogue of delta sleep-inducing peptide (DSIP-P) in rats, 160
Nakao, K., see Shirakami, G., 77
Natal, C.L. and Britto, L.R.G., The rat accessory optic system: effects of cortical lesions on the directional selectivity of units within the medial terminal nucleus, 154
Nehls, D.G., Kurumaji, A., Park, C.K. and McCulloch, J., Differential effects of competitive and non-competitive *N*-methyl-D-aspartate antagonists on glucose use in the limbic system, 204
Nieto-Sampedro, M., Gómez-Pinilla, F., Knauer, D.J. and Broderick, J.T., Epidermal growth factor receptor immunoreactivity in rat brain astrocytes. Response to injury, 276
Niwa, M., Ibaragi, M.-a., Tsutsumi, K., Kurihara, M., Himeno, A., Mori, K. and Ozaki, M., Specific atrial natriuretic peptide binding sites in rat cerebral capillaries, 89
Nuglisch, J., see Sauer, D., 327

Okamura, H., see Ibuki, T., 131
Olivereau, J., see Olivereau, M., 271
Olivereau, M. and Olivereau J., Effect of hypophysectomy on the hypothalamic corticotropin-releasing factor (CRF) neuronal system in the eel: immunocytochemical study, 271
Olmos, G., see Garcia-Segura, L.M., 19
Ono, H., see Hirayama, T., 343
Ozaki, M., see Niwa, M., 89

Pareto, A., see Finger, W., 183
Park, C.K., see Nehls, D.G., 204
Pearce, I.A., see Burgoyne, R.D., 47
Penketh, R.J.A., see Gibson, S.J., 283
Perez, J., see Garcia-Segura, L.M., 19
Perkins, M.N., see Dray, A., 301
Perry, E.K., Smith, C.J., Court, J.A., Bonham, J.R., Rodway, M. and Atack, J.R., Interaction of 9-amino-1,2,3,4-tetrahydroaminoacridine (THA) with human cortical nicotinic and muscarinic receptor binding in vitro, 211

Pettmann, B., see Rogister, B., 321
Pitler, T.A., McCarren, M. and Alger, B.E., Calcium-dependent pirenzepine-sensitive muscarinic response in the rat hippocampal slice, 177
Pittman, Q.J., see Watson, T.W.J., 172
Polak, J.M., see Gibson, S.J., 283
Poulain, V., see Duyckaerts, C., 354
Privat, A., see Rondouin, G., 199

Ransom, R., see Lalies, M., 339
Rawson, J.A., Wertheimer, S. and Rees, S., Modification of parallel fibre–Purkinje cell transmission by long-term activation of climbing fibres, 14
Rawson, J.A., see Hawdon, G., 7
Ray, A., see Henke, P.G., 95
Reddington, M., see Gasser, T., 189
Rees, S., see Hawdon, G., 7
Rees, S., see Rawson, J.A., 14
Rodek, C., see Gibson, S.J., 283
Rodway, M., see Perry, E.K., 211
Roels, F., see De Keyser, J., 142
Rogister, B., Leprince, P., Pettmann, B., Labourdette, G., Sensenbrenner, M. and Moonen, G., Brain basic fibroblast growth factor stimulates the release of plasminogen activators by newborn rat cultured astroglial cells, 321
Roisin, M.P., see Charriaut-Marlangue, C., 308
Rondouin, G., Drain, M.-J., Chicheportiche, R., Kamenka, J.-M. and Privat, A., Non-competitive antagonists of *N*-methyl-D-aspartate receptors protect cortical and hippocampal cell cultures against glutamate neurotoxicity, 199
Rossberg, C., see Sauer, D., 327

Saito, A., see Miyauchi, T., 222
Saitoh, T., see Mizuno, Y., 349
Sastry, B.R., Chirwa, S.S., May, P.B.Y. and Maretić, H., Substances released during tetanic stimulation of rabbit neocortex induce neurite growth in PC-12 cells and long-term potentiation in guinea pig hippocampus, 101
Sauer, D., Nuglisch, J., Rossberg, C., Mennel, H.-D., Beck, T., Bielenberg, G.W and Krieglstein, J., Phencyclidine reduces postischemic neuronal necrosis in rat hippocampus without changing blood flow, 327
Sawada, S., see Kamiya, H., 84
Sawada, T., see Ishimura, K., 265
Schlander, M., Hoyer, S. and Frotscher, M., Glutamate decarboxylase-immunoreactive neurons in the aging rat hippocampus are more resistant to ischemia than CA1 pyramidal cells, 241
Schubert, P., see Gasser, T., 189
Schütte, M. and Weiler, R., Mesencephalic innervation of the turtle retina by a single serotonin-containing neuron, 289
Sensenbrenner, M., see Rogister, B., 321
Shirakami, G., Nakao, K., Yamada, T., Itoh, H., Mori, K., Kangawa, K., Minamino, N., Matsuo, H. and Imura, H., Inhibitory effect of brain natriuretic peptide on central angiotensin II-stimulated pressor response in conscious rats, 77
Siggins, G.R., see Moore, S.D., 71
Smith, C.J., see Perry, E.K., 211
Snyder-Keller, A.M., Fluoro-Gold reveals patches of striatal neurons during development, 136
Solís, J.M., Herranz, A.S., Herreras, O., Lerma, J. and Martín del Río, R., Does taurine act as an osmoregulatory substance in the rat brain?, 53
Sone, N., see Mizuno, Y., 349
Stoddard, S., see Gaumann, D.M., 30
Sugishita, Y., see Miyauchi, T., 222
Sullivan, R.M, see Henke, P.G., 95
Suzuki, K., see Mizuno, Y., 349

Takahashi, Y., see Nakagaki, K., 160
Takeuchi, Y., see Ishimura, K., 265
Terrell, M.L., see Cohen, S., 253
Thalmann, R., see Biesalski, H.K, 41
Tominaga, M., see Ishimura, K., 265
Tranque, P.A., see Garcia-Segura, L.M., 19
Tsutsumi, K., see Niwa, M., 89
Tyce, G.M., see Gaumann, D.M., 30

Urwyler, S., see Frey, P., 194
Usui, S., see Nakagaki, K., 160

Valdes, I., see Globus, M.Y.-T., 36
Vauquelin, G., see De Keyser, J., 142
Vollrath, L., see Biesalski, H.K., 41

Wakade, A.R., see Bhave, S.V., 333
Wallois, F., see Macron, J.M., 24
Watson, T.W.J. and Pittman, Q.J., Pharmacological evidence that somatostatin activates the m-current in hippocampal pyramidal neurons, 172
Weiler, R., see Schütte, M., 289
Welker, H.A., see Biesalski, H.K., 41
Wertheimer, S., see Rawson, J.A., 14

Yaksh, T.L., see Gaumann, D.M., 30
Yamada, T., see Shirakami, G., 77
Yamamoto, C., see Kamiya, H., 84
Yamashita, H., see Kasai, M., 59
Yamashita, H., see Kasai, M., 65
Yanaihara, N., see Ibuki, T., 131
Yoshioka, H., see Ishimura, K., 265

Zieglgänsberger,W., see Moore, S.D., 71